BASIC PROGRAMMING

LABWORK 3

Exercise 1: Write a C program to enter a natural number n (n > 1), and find all the divisors of n.

Exercise 2: Write a C program to enter a natural number n (n > 1), and find all the prime numbers from 1 to n.

Exercise 3: Enter a integer number n and calculate the sum of a series : $1 + 1/2 + 1/3 + ... + 1/n$

Exercise 4: Write a C program to enter a positive number and calculate product of digits of the number using modulus operator % and while loop.

Exercise 5: Write a C program to print Fibonnacci series upto n, n is an interger input from the keyboard.

Exercise 6: Write a C program to find a factorial of n, n is an interger input from the keyboard.